

## **ABSTRACT**

**[0058]** An interactive media player is provided. The player comprises a storage unit for storing a plurality of image sources read from a recording medium, each image source having a respective bit depth; a decoder for decoding the plurality of image sources, confirming the respective bit depths of the image sources, and determining whether or not the confirmed bit depths are to be converted to another bit depth; and a converter for converting at least one of the respective bit depths into another bit depth.